Searching PAJ Page 1 of 2

## PATENT ABSTRACTS OF JAPAN

(11)Publication number:

01-199854

(43) Date of publication of application: 11.08.1989

(51)Int.Cl.

B65D 30/02 B31B 1/74

B32B 27/32 CO8J 7/12

(21)Application number : **63-019773** 

(71)Applicant: DAINIPPON PRINTING CO LTD

(22) Date of filing:

30.01.1988

(72)Inventor: HASEGAWA HIROSHI

TSUNODA HIROTAKA

YAMADA KAZUKI

## (54) FRAGRANCE KEEPING PACKAGING BAG AND ITS MANUFACTURE

## (57) Abstract:

PURPOSE: To obtain a fragrance keeping packaging bag in which a fluorinated polyolefin group resin layer is firmly sealed, by fluorinating the surface of a polyolefin group resin layer on the inner surface of the bag.

CONSTITUTION: A laminated body is obtained by directly melt-bonding a polyolefin group resin layer on a packaging material base, or by bonding a polyolefin group resin layer to a packaging material base by an adhesive layer. This laminated body is formed into a packaging bag in advance under a state where a pouring port is arranged at a part of the bag. If this packaging bag is placed in a fluorine gas ambient under the condition where the inside air and outside air go through by the pouring port, a packaging bag, which has a fluorinated polyolefin group resin layer with a desired thickness on the inner surface of the bag, can be obtained. By doing this, it is not necessary to perform heat-sealing after removing a fluorinated layer; and the manufacture is easy. Also, the bag can be easily sealed by screwing on or fitting on a cap at the pouring port. With packaging bag of this type of constitution, the fragrance of various types of drinks, etc., can be sufficiently kept.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of

rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office